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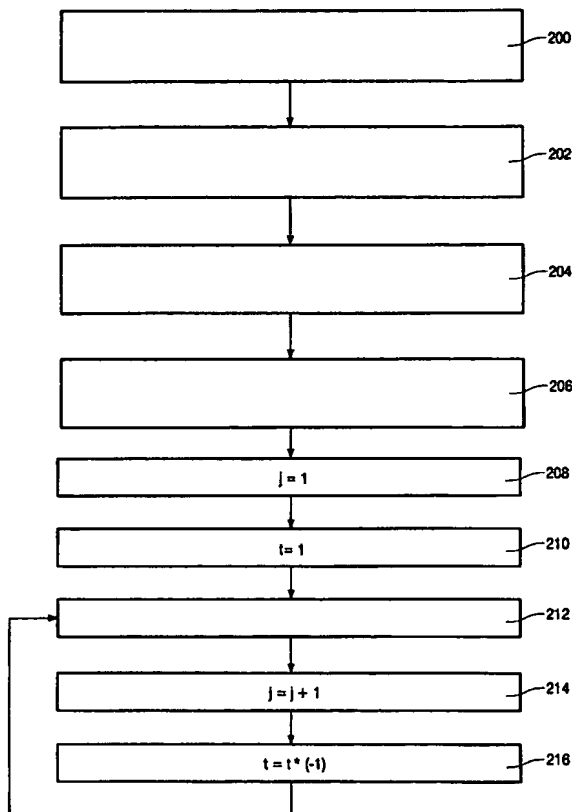
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[Continued on next page]

(54) Title: METHOD OF SYNTHESIZING CREAKY VOICE



(57) Abstract: The invention relates to a method of synthesizing a signal comprising the steps of: a) providing of a first signal having first periods of a first type and second periods of a second type in an alternating sequence, b) selecting of one of the pitch bells for a first one of the required pitch bell locations by identifying the nearest neighboring period of the first one of the required pitch bell locations being of the first type, and selecting of the pitch bell of the identified period, c) selecting of one of the pitch bells for a second one of the required pitch bell locations by identifying a nearest neighboring period of the second one of the required pitch bell locations having the second type, and selecting the pitch bell of the identified period, whereby the steps b) and c) are carried out for all of the required pitch bell locations.

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Declaration under Rule 4.17:

— as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii)) for the following designations AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VC, VN, YU, ZA, ZM, ZW, ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU,

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B. FIELDS SEARCHED

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Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, INSPEC, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	<p>XUEJING SUN: "Voice quality conversion in TD-psola speech synthesis"</p> <p>IEEE INTERNATIONAL CONFERENCE ON ACOUSTICS, SPEECH AND SIGNAL PROCESSING (ICASSP),</p> <p>vol. 2, 5 June 2000 (2000-06-05), pages 953-956, XP010504882</p> <p>Munich, Germany</p> <p>section 3 on page 954</p> <p>section 4.1 on pages 954-955; figure 2</p> <p>---</p> <p>-/--</p>	1-9

☒ Further documents are listed in the continuation of box C.

☐ Patent family members are listed in annex.

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INTERNATIONAL SEARCH REPORT

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	<p>KLASMEYER G: "The perceptual importance of selected voice quality parameters" ACOUSTICS, SPEECH, AND SIGNAL PROCESSING, 1997. ICASSP-97., 1997 IEEE INTERNATIONAL CONFERENCE ON MUNICH, GERMANY 21-24 APRIL 1997, LOS ALAMITOS, CA, USA, IEEE COMPUT. SOC, US, 21 April 1997 (1997-04-21), pages 1615-1618, XP010226301 ISBN: 0-8186-7919-0 page 1615, right-hand column, last paragraph -page 1616, left-hand column, paragraph 1</p> <p>-----</p>	1-9